

Notice of Allowability

Application No.

10/078,374

Examiner

Van T. Trieu

Applicant(s)

TSUTSUMI ET AL.

Art Unit

2636

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the Amendment filed on 03 February 2006.
2. ☒ The allowed claim(s) is/are 14-22.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date 2/03/06
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

ABSTRACT (new)

A terminal system has a mass spectrometric for inspecting of dangerous substances is installed in an inspection area, and a support system for determining whether or not a dangerous substance is present and identifying the type of the substance, based on the mass spectrometric data on the target element that has been measured by the mass spectrometric, is installed in a security service enterprise's office. Both systems are connected to each other via a communication network so that they can exchange information. Thus, the support system can send the determination result of dangerous substances and a precautions guide to the terminal system via the communication network.

DETAILED ACTION

EXAMINER'S AMENDMENT

1. The application has been amended as follows: The Amended of abstract filed on 03 February 2006 is corrected to eliminate the phrases "means" and "said". The new abstract is attached herewith a separate sheet.

Allowable Subject Matter

2. The following is an examiner's statement of reasons for allowance: there are no prior arts teaching or suggesting of a security terminal system for determining a kind or existence of dangerous substance having a terminal system provided in an inspection room of the dangerous substance and a support system connected to the terminal system through a communication line:

the terminal system comprises a sampling means for sampling a substance to be inspected, a analyzing means for analyzing the substance to be inspected, a first determination means having a first standard data for determining the dangerous substance based on analyzing data obtained by the analyzing means,

a communication means for communicating with the support system through the communication line, a display means, and a control means for controlling the each means of the terminal system,

the support system comprises a communication means for communicating with the terminal system through the communication line, a database for storing at least data

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relating to determination of the dangerous substance, a second determination mean for determining the dangerous substance by comparing the analyzing data received from the terminal system, and a control means for controlling the each means of the support system, wherein

the first determination means of the terminal system performs a first determination to determine the kind and the existence of the dangerous substance by comparing the analyzing data with the first standard data,

when the first determination means determines the existence of the dangerous substance, the control means of the terminal system performs a second analyzing process in the analyzing means, and transmits an analyzing data obtained by the second analyzing process to the support system through the communication means of the terminal system, and

the second determination means of the support system has second standard data, and performs a second determination to determine the kind and the existence of the dangerous substance by comparing the analyzing data obtained by the second analyzing process and received from the terminal system through the communication means with the second standard data.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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3. Any inquiry concerning this communication or earlier communications from examiner should be directed to primary examiner **Van Trieu** whose telephone number is (571) 272-2972. The examiner can normally be reached on Mon-Fri from 7:00 AM to 3:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mr. **Mike Horabik** can be reached on (571) 272-3068.

A handwritten signature in black ink, appearing to read 'Van Trieu', with a long horizontal flourish extending to the right.

Van Trieu
Primary Examiner
Date: 3/16/06